

Search History**DATE:** Thursday, June 13, 2002 [Printable Copy](#) [Create Case](#)

<u>Set Name</u> side by side	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u> result set
<i>DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>			
<u>L8</u>	l7 same buffer\$	35	<u>L8</u>
<u>L7</u>	medi\$ near2 (powder\$ or dry)	1920	<u>L7</u>
<u>L6</u>	L5 same (buffer\$ or buffer salts)	1537	<u>L6</u>
<u>L5</u>	culture same (powder or dry)	11066	<u>L5</u>
<u>L4</u>	L3 and l2	664	<u>L4</u>
<u>L3</u>	ph near2 adjust\$	132276	<u>L3</u>
<u>L2</u>	ph near2 automat\$	1359	<u>L2</u>
<u>L1</u>	ph near2 ajust\$	93	<u>L1</u>

Attachment
to FAOM
paper # 5

END OF SEARCH HISTORY

WEST[Help](#)[Logout](#)[Interrupt](#)
[Main Menu](#) | [Search Form](#) | [Posting Counts](#) | [Show S Numbers](#) | [Edit S Numbers](#) | [Preferences](#) | [Cases](#)

Your wildcard search against 2000 terms has yielded the results below

[Search for additional matches among the next 2000 terms](#)

Search Results -

Term	Documents
BUFFER\$	0
BUFFER.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	484504
BUFFERA.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	8
BUFFERABILITY.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	18
BUFFERABLE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	21
BUFFERABLY.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2
BUFFERACETONE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
BUFFERACETONITRILE.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	7
BUFFERAD.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	2
BUFFERADDRESS.DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	10
"BUFFERADDRESS[1]".DWPI,TDBD,EPAB,JPAB,USPT,PGPB.	1
.....	
BUFFER\$(BUFFER-WB).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	pickup term
(L7 SAME BUFFER\$).USPT,PGPB,JPAB,EPAB,DWPI,TDBD.	35

[There are more results than shown above. Click here to view the entire set.](#)

US Patents Full-Text Database
 US Pre-Grant Publication Full-Text Database
 JPO Abstracts Database
 EPO Abstracts Database
 Derwent World Patents Index
 IBM Technical Disclosure Bulletins

Database:

[Refine Search](#)**Search:**[Clear](#)

```

### Status: Path 1 of [Dialog Information Services via Modem]

### Status: Initializing TCP/IP using (UseTelnetProto 1 ServiceID pto-dialog)
Trying 31060000009999...Open

DIALOG INFORMATION SERVICES
PLEASE LOGON:
***** HHHHHHHH SSSSSSS?
### Status: Signing onto Dialog
*****
ENTER PASSWORD:
***** HHHHHHHH SSSSSSS? *****
Welcome to DIALOG
### Status: Connected

Dialog level 02.05.06D

Last logoff: 13jun02 13:27:59
Logon file001 13jun02 13:29:53
KWIC is set to 50.
HIGHLIGHT set on as '**'

File 1:ERIC 1966-2002/Jun 06
(c) format only 2002 The Dialog Corporation

Set Items Description
--- -----
Cost is in DialUnits
?b 434, 5, 155
13jun02 13:30:00 User259980 Session D209.1
$0.29 0.082 DialUnits File1
$0.29 Estimated cost File1
$0.03 TELNET
$0.32 Estimated cost this search
$0.32 Estimated total session cost 0.082 DialUnits

SYSTEM:OS - DIALOG OneSearch
File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec
(c) 1998 Inst for Sci Info
File 5:Biosis Previews(R) 1969-2002/Jun W2
(c) 2002 BIOSIS
File 155:MEDLINE(R) 1966-2002/Jun W1
*File 155: Daily alerts are now available. This file has
been reloaded. Accession numbers have changed.

Set Items Description
--- -----
?s medi?(n) (powder or dry)
>>>File 5 processing for MEDI? stopped at MEDITSINSKOGO
>>>File 155 processing for MEDI? stopped at MEDIKIERUNG
4490719 MEDI?
37435 POWDER
184869 DRY
S1 246 MEDI?(N) (POWDER OR DRY)
?s s1 and buffer?
246 S1
149009 BUFFER?
S2 4 S1 AND BUFFER?
?rd
...completed examining records
S3 3 RD (unique items)
?t/9/all

3/9/1 (Item 1 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
(c) 2002 BIOSIS. All rts. reserv.

12716215 BIOSIS NO.: 200000469717

```

Modified wick method using Weck-Cel sponges for collection of human rectal secretions and analysis of mucosal HIV antibody.
AUTHOR: Kozlowski Pamela A(a); Lynch Rebecca M; Patterson Rosalyn R;
Cu-Uvin Susan; Flanigan Timothy P; Neutra Marian R
AUTHOR ADDRESS: (a)Children's Hospital, 300 Longwood Avenue, Enders 1220,
Boston, MA, 02115**USA
JOURNAL: JAIDS Journal of Acquired Immune Deficiency Syndromes 24 (4):p
297-309 August 1, 2000
MEDIUM: print
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English

ABSTRACT: Weck-Cel sponges were examined for suitability as an absorbent material for nontraumatic collection of rectal secretions in humans. Sponges were tested in vitro and determined by quantitative enzyme-linked immunosorbent assay (ELISA) to be capable of releasing 100% of absorbed albumin and all immunoglobulin subtypes after treatment with detergent-supplemented *buffer*. Protein composition in rectal secretions collected from normal women with dry sponges (DS) or with sponges previously softened by moistening with saline (MS) was subsequently compared. DS secretions showed evidence of contamination with blood and interstitial fluid-derived albumin, immunoglobulin G (IgG), and monomeric IgA. MS secretions appeared to represent local mucosal secretions more accurately because they contained negligible blood, a greater percentage of secretory IgA within the total IgA, and both lower albumin/IgG ratios and more dramatic alterations in IgG subclass distribution compared with corresponding serum. Anti-HIV IgG, IgM, IgA, and antibodies with secretory component could be demonstrated by ELISA in rectal secretions collected with moist sponges from 8 of 8, 1 of 8, 5 of 8, and 3 of 8 HIV-infected women, respectively. The data show that Weck-Cel sponges, if premoistened, can be used to collect rectal fluids nontraumatically and to obtain quantitative information about concentrations of immunoglobulins and specific antibodies on rectal mucosal surfaces.

DESCRIPTORS:

MAJOR CONCEPTS: Equipment, Apparatus, Devices and Instrumentation;
Infection; Clinical Immunology (Human Medicine, Medical Sciences)
BIOSYSTEMATIC NAMES: Hominidae--Primates, Mammalia, Vertebrata, Chordata,
Animalia; Retroviridae--Animal Viruses, Viruses, Microorganisms
ORGANISMS: human (Hominidae)--female, patient; human immunodeficiency
virus {HIV} (Retroviridae)--pathogen
ORGANISMS: PARTS ETC: rectal mucosa--digestive system; rectal secretion
--digestive system
BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): Animal Viruses; Animals;
Chordates; Humans; Mammals; Microorganisms; Primates; Vertebrates;
Viruses
DISEASES: human immunodeficiency virus infection {HIV infection}--immune
system disease, viral disease
CHEMICALS & BIOCHEMICALS: albumin--blood-derived, interstitial
fluid-derived; human immunodeficiency virus antibody--mucosal;
immunoglobulin A--monomeric; immunoglobulin G; immunoglobulin M
METHODS & EQUIPMENT: Weck-Cel sponges--medical equipment; mucosal human
immunodeficiency virus antibody analysis--diagnostic method;
quantitative ELISA--diagnostic method; sponges--*dry*, *medical
equipment*, saline moistened

ALTERNATE INDEXING: HIV Infections (MeSH)

CONCEPT CODES:

10064 Biochemical Studies-Proteins, Peptides and Amino Acids
12504 Pathology, General and Miscellaneous-Diagnostic
14004 Digestive System-Physiology and Biochemistry
33506 Virology-Animal Host Viruses
34502 Immunology and Immunochemistry-General; Methods
34508 Immunology and Immunochemistry-Immunopathology, Tissue Immunology
36006 Medical and Clinical Microbiology-Virology

BIOSYSTEMATIC CODES:

02623 Retroviridae (1993-)
86215 Hominidae

3/9/2 (Item 2 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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12559244 BIOSIS NO.: 200000312746
Barley-salt-bush intercropping for sustainable feed production in a *dry*
Mediterranean steppe environment.
AUTHOR: Jones M J; Arous Z
AUTHOR ADDRESS: (a)Roaches, Nether Compton, Sherborne, Dorset, DT9 4RE**UK
JOURNAL: Journal of Agronomy and Crop Science 184 (4):p253-260 June, 2000
MEDIUM: print
ISSN: 0931-2250
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English; German

ABSTRACT: Dry rangelands in the Syrian steppe have been degraded by overgrazing and incursions of barley cultivation. Replanting with *Atriplex* spp. (salt-bush) is recommended for rehabilitation; but, for land already ploughed, growing barley between *atriplex* hedges may be the best compromise, providing complementary feed sources and soil protection against wind erosion. The trial described here measured the biomass output of barley and *atriplex* browse material in a range of treatments, in which hedge dimensions and crop-strip widths were varied in partial factorial combination. Results over 6 years showed little interaction between hedges and barley crop, but growing the two together tended to *buffer* total feed output against annual fluctuations due to rainfall variability. An apparent decline in *atriplex* vigour towards the end of the study period drew attention to the need to optimize browsing pressure on the shrubs. Altogether, the indications are that barley-*atriplex* systems have potential to provide sustainable production in currently degraded steppe areas, but essential conditions for success will be full control of land access and skilled management of *atriplex* shrubs.

DESCRIPTORS:

MAJOR CONCEPTS: Agronomy (Agriculture); Conservation; Climatology (Environmental Sciences); Soil Science
BIOSYSTEMATIC NAMES: Chenopodiaceae--Dicotyledones, Angiospermae, Spermatophyta, Plantae; Gramineae--Monocotyledones, Angiospermae, Spermatophyta, Plantae
ORGANISMS: *Atriplex* spp. {salt-bush} (Chenopodiaceae)--crop; barley (Gramineae)--grain crop
BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): Angiosperms; Dicots; Monocots; Plants; Spermatophytes; Vascular Plants
GEOGRAPHICAL NAME: Syria (Palearctic region)
MISCELLANEOUS TERMS: dry rangeland; intercropping; sustainable feed production; wind erosion control

CONCEPT CODES:

00512 General Biology-Conservation, Resource Management
07504 Ecology; Environmental Biology-Bioclimatology and Biometeorology
07506 Ecology; Environmental Biology-Plant
52502 Agronomy-General, Miscellaneous and Mixed Crops
52504 Agronomy-Grain Crops
52801 Soil Science-General; Methods (1970-)

BIOSYSTEMATIC CODES:

25305 Gramineae
25795 Chenopodiaceae

3/9/3 (Item 3 from file: 5)
DIALOG(R)File 5:Biosis Previews(R)
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10094472 BIOSIS NO.: 199598549390
Comparison of environmental monitoring protocols for the detection of *Salmonella* in poultry houses.
AUTHOR: Davison S(a); Benson C E; Eckroade R J(a)
AUTHOR ADDRESS: (a)Lab. Avian Med. Pathol., Univ. Pa., 382 West St. Rd., Kennett Square, PA 19348**USA
JOURNAL: Avian Diseases 39 (3):p475-479 1995

ISSN: 0005-2086
DOCUMENT TYPE: Article
RECORD TYPE: Abstract
LANGUAGE: English
SUMMARY LANGUAGE: English; Spanish

ABSTRACT: Environmental monitoring has been used as a screening method to detect *Salmonella enteritidis* infection in laying hens. Several transport protocols (*buffered* peptone water, skim milk, asparagine, double distilled water, and no media), to be used for the detection of *Salmonella* in environmental samples from poultry houses, were compared for their ability to preserve the integrity of specimens. The isolation rates of *Salmonella* using the various transport protocols, including double-strength skim milk and no *media* (*dry*), were similar. Use of dry swabs is more convenient than a media transport system and should be adopted as an alternative method.

DESCRIPTORS:

MAJOR CONCEPTS: Animal Husbandry (Agriculture); Foods; Infection; Reproductive System (Reproduction); Toxicology; Veterinary Medicine (Medical Sciences)
BIOSYSTEMATIC NAMES: Enterobacteriaceae--Eubacteria, Bacteria; Galliformes--Aves, Vertebrata, Chordata, Animalia; Hominidae--Primates, Mammalia, Vertebrata, Chordata, Animalia
ORGANISMS: human (Hominidae); Galliformes (Galliformes); *Salmonella enteritidis* (Enterobacteriaceae)
BIOSYSTEMATIC CLASSIFICATION (SUPER TAXA): animals; bacteria; birds; chordates; eubacteria; humans; mammals; microorganisms; nonhuman vertebrates; primates; vertebrates
MISCELLANEOUS TERMS: EGG INFECTION; METHOD

CONCEPT CODES:

13520 Food Technology-Poultry and Eggs
16506 Reproductive System-Pathology
22502 Toxicology-Foods, Food Residues, Additives and Preservatives
27002 Poultry Production-General; Methods
36002 Medical and Clinical Microbiology-Bacteriology
38004 Veterinary Science-Pathology
39002 Food and Industrial Microbiology-Food and Beverage Spoilage and Contamination
38006 Veterinary Science-Microbiology

BIOSYSTEMATIC CODES:

06702 Enterobacteriaceae (1992-)
85536 Galliformes
86215 Hominidae
?s ph(n) (adjust? or automat?)
1840365 PH
197152 ADJUST?
164085 AUTOMAT?
S4 1860 PH(N) (ADJUST? OR AUTOMAT?)

?s s1 and s4
246 S1
1860 S4
S5 0 S1 AND S4
?e au=fiike, richard

Ref	Items	Index-term
E1	7	AU=FIKE W W
E2	1	AU=FIKE WW
E3	0	*AU=FIKE, RICHARD
E4	1	AU=FIKENSCHER E
E5	14	AU=FIKENSCHER L H
E6	11	AU=FIKENSCHER LH
E7	1	AU=FIKENTSCHER
E8	14	AU=FIKENTSCHER E
E9	1	AU=FIKENTSCHER ERDMUTHE
E10	5	AU=FIKENTSCHER H
E11	93	AU=FIKENTSCHER R
E12	3	AU=FIKER A

Enter P or PAGE for more
?e au=fiike rm

```

Ref   Items   Index-term
E1      1 AU=FIKE RICHARD M
E2      1 AU=FIKE RL
E3      8 *AU=FIKE RM
E4      1 AU=FIKE ROBERT H
E5      1 AU=FIKE ROBERT R
E6      3 AU=FIKE RR
E7      2 AU=FIKE RS
E8      1 AU=FIKE S
E9      2 AU=FIKE S A
E10     2 AU=FIKE S D
E11     1 AU=FIKE S P
E12     1 AU=FIKE S S

Enter P or PAGE for more
?s e3
      S6      8 AU='FIKE RM'
?s s6 and s1
      8 S6
      246 S1
      S7      0 S6 AND S1
?s s6
      S8      8 S6
?s s8 and medi?
>>>File 5 processing for MEDI? stopped at MEDITSINSKOGO
>>>File 155 processing for MEDI? stopped at MEDIKIERUNG
      8 S8
      4490719 MEDI?
      S9      0 S8 AND MEDI?

?ds

Set   Items   Description
S1    246 MEDI?(N) (POWDER OR DRY)
S2    4 S1 AND BUFFER?
S3    3 RD (unique items)
S4    1860 PH(N) (ADJUST? OR AUTOMAT?)
S5    0 S1 AND S4
S6    8 AU='FIKE RM'
S7    0 S6 AND S1
S8    8 S6
S9    0 S8 AND MEDI?

?e au=hassett rf

Ref   Items   Index-term
E1      14 AU=HASSETT R P
E2      6 AU=HASSETT R PATRICK
E3      0 *AU=HASSETT RF
E4      9 AU=HASSETT RICHARD
E5      2 AU=HASSETT RICHARD F
E6      6 AU=HASSETT RJ
E7      1 AU=HASSETT RM
E8      7 AU=HASSETT RP
E9      2 AU=HASSETT S
E10     2 AU=HASSETT S L
E11     1 AU=HASSETT SHIRLEY-JEAN
E12     1 AU=HASSETT SL

Enter P or PAGE for more
?s e4
      S10     9 AU='HASSETT RICHARD'
?s s10 and s1
      9 S10
      246 S1
      S11     0 S10 AND S1
?e au=dadey bm

Ref   Items   Index-term
E1      4 AU=DADEY BARBARA
E2      3 AU=DADEY BARBARA M
E3      0 *AU=DADEY BM

```

```
E4      2 AU=DADEY E
E5      2 AU=DADEY E J
E6      4 AU=DADEY EJ
E7      3 AU=DADEY ERIC
E8      7 AU=DADEY ERIC J
E9      1 AU=DADEY J L
E10     1 AU=DADEY K
E11     1 AU=DADEY M L
E12     1 AU=DADEY MARY LEE
```

Enter P or PAGE for more

```
?s e1
S12      4 AU='DADEY BARBARA'
?s s12 and s1
        4 S12
    246 S1
S13      0 S12 AND S1
?e au=radominski rc
```

Ref	Items	Index-term
E1	1	AU=RADOMINSKI R
E2	1	AU=RADOMINSKI R B
E3	0	*AU=RADOMINSKI RC
E4	1	AU=RADOMINSKI ROBERT
E5	1	AU=RADOMINSKI ROSANA BENTO
E6	2	AU=RADOMINSKI S
E7	3	AU=RADOMINSKI S C
E8	1	AU=RADOMINSKI SC
E9	5	AU=RADOMINSKI W
E10	1	AU=RADMIR A
E11	14	AU=RADMIR B
E12	2	AU=RADMIR L

Enter P or PAGE for more

```
?ds
```

Set	Items	Description
S1	246	MEDI?(N) (POWDER OR DRY)
S2	4	S1 AND BUFFER?
S3	3	RD (unique items)
S4	1860	PH(N) (ADJUST? OR AUTOMAT?)
S5	0	S1 AND S4
S6	8	AU='FIKE RM'
S7	0	S6 AND S1
S8	8	S6
S9	0	S8 AND MEDI?
S10	9	AU='HASSETT RICHARD'
S11	0	S10 AND S1
S12	4	AU='DADEY BARBARA'
S13	0	S12 AND S1

```
?logoff
```

```
13jun02 13:35:33 User259980 Session D209.2
$3.42    0.200 DialUnits File434
$3.42  Estimated cost File434
$8.44    1.506 DialUnits File5
      $5.25  3 Type(s) in Format  9
      $5.25  3 Types
$13.69  Estimated cost File5
$3.05    0.952 DialUnits File155
$3.05  Estimated cost File155
OneSearch, 3 files,  2.658 DialUnits FileOS
$1.30   TELNET
$21.46  Estimated cost this search
$21.78  Estimated total session cost  2.740 DialUnits
```

Status: Signed Off. (6 minutes)